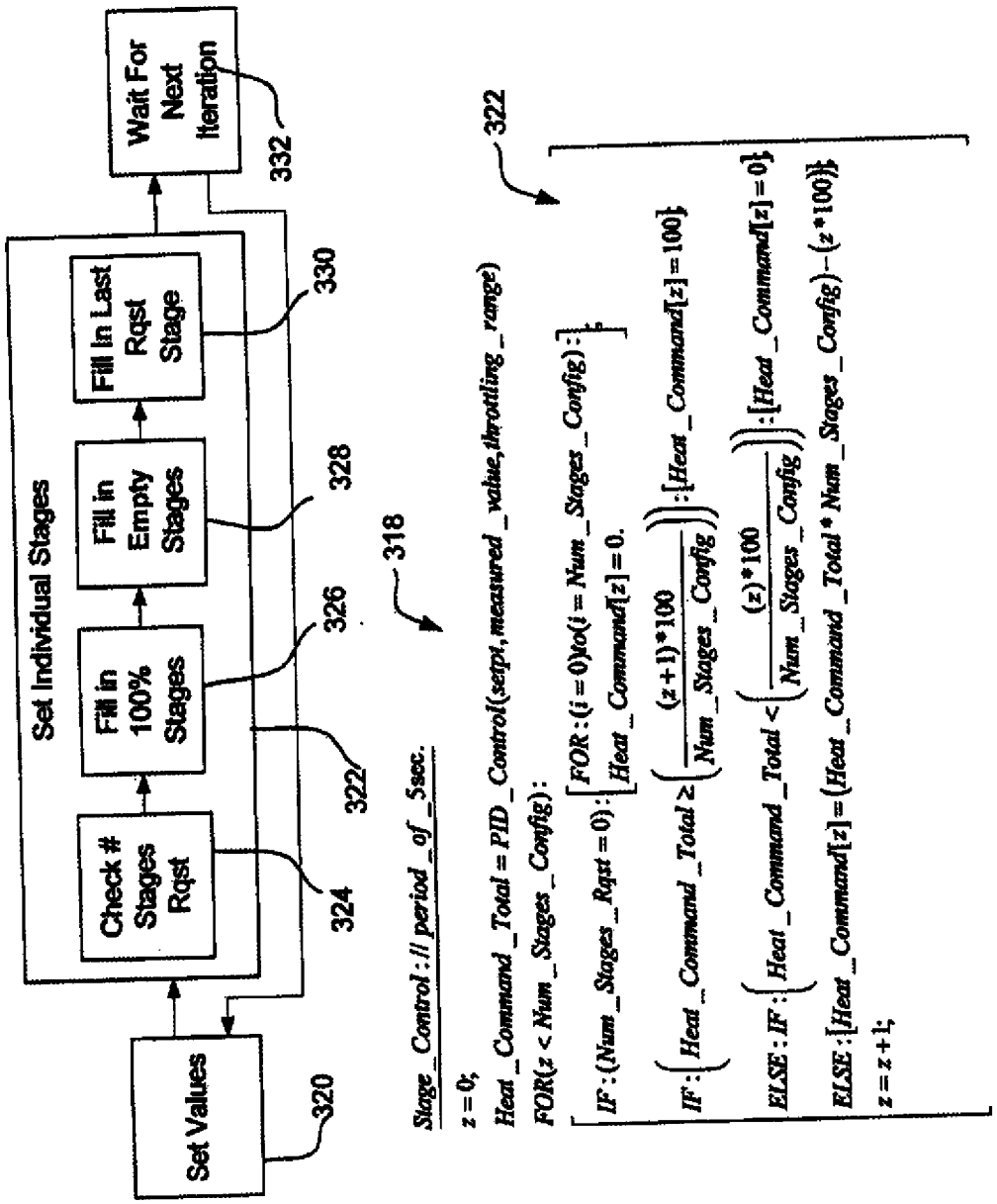
Set Individual Stages
Check # Stages Rqst
Fill in 100% Stages
Fill in Empty Stages
Fill In Last Rqst Stage
Wait For Next Iteration
Set Values
320
322
324
326
328
330
332
318
Stage_Control : // period_of_5sec.
z = 0;
Heat_Command_Total = PID_Control(setpt, measured_value, throttling_range)
FOR(z < Num_Stages_Config):
IF : (Num_Stages_Rqst = 0): [FOR : (i = 0)to(i = Num_Stages_Config) : Heat_Command[z] = 0.]
IF : (Heat_Command_Total ≥ ((z+1)*100 / Num_Stages_Config)) : [Heat_Command[z] = 100]
ELSE : IF : (Heat_Command_Total < ((z)*100 / Num_Stages_Config)) : [Heat_Command[z] = 0]
ELSE : [Heat_Command[z] = (Heat_Command_Total * Num_Stages_Config) - (z*100)]
z = z + 1;

FIG. 13